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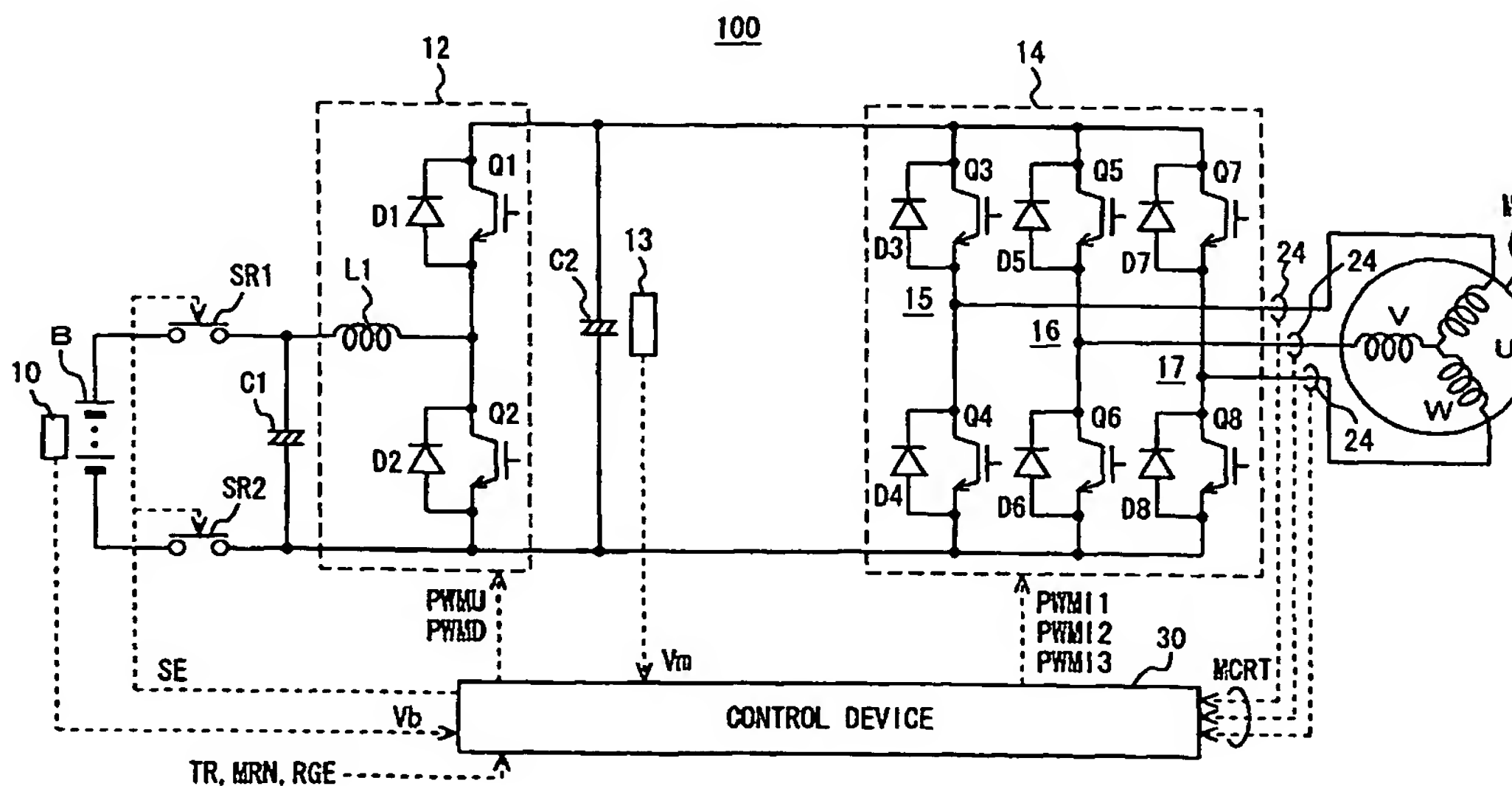
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(54) Title: VOLTAGE CONVERTING DEVICE, COMPUTER READABLE RECORDING MEDIUM WITH PROGRAM RECORDED THEREON FOR CAUSING COMPUTER TO EXECUTE FAILURE PROCESSING, AND FAILURE PROCESSING METHOD



(57) Abstract: A control device (30) detects whether or not an up-converter (12) fails, based on a DC voltage (Vb) from a voltage sensor (10), an output voltage (Vm) from a voltage sensor (13), and a duty ratio in controlling switching of NPN transistors (Q1, Q2). If a failure in the up-converter (12) is detected, the control device (30) then controls an inverter (14) and an AC motor (M1) such that regenerative electric power generation in the AC motor (M1) is prohibited.

INTERNATIONAL SEARCH REPORT

Int. Patent Application No.
PCT/JP 03/14949

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60L11/12 B60L11/18 H02M7/5387

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60L H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Int'l Application No
PCT/JP 03/14949

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